

REMARKS

This application has been carefully reviewed in light of the Office Action dated March 17, 2008. Claims 1 to 3, 5 and 7 to 9 are in the application, of which Claims 1 and 9 are independent. Reconsideration and further examination are respectfully requested.

Claims 1 to 3, 5 and 7 to 9 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 6,346,865 (Callewaert) in view of U.S. Patent No. 6,807,922 (Smith). Reconsideration and withdrawal of the rejections are respectfully requested.

The present invention of independent Claims 1 and 9 relates to an electrical device in which at least two plate portions of a conductor are formed into coils by winding the plate portions around a winding core. The plate portions to be connected to each other are arranged point-symmetrically about a connecting portion thereof. The conductor has plural terminals in positions that protrude from an area of the plate portions that is wound around the winding core, and the conductor except for the plural terminals is insulated by an insulating material.

According to one aspect of the invention, an electric wire is wound around the conductor formed into coils as a winding insulated from the conductor by the insulating material. As a result, for example, when the conductor formed into coils is used as a primary winding of a transformer, and the electric wire winding is used as a secondary winding of the transformer, the transformer having a high electric non-conductance between the primary and secondary windings is easily formed.

The applied art, alone or in any permissible combination, is not seen to disclose or suggest the features of independent Claims 1 and 9, and in particular is not seen

to disclose or suggest at least the feature of an electric wire which is wound around a conductor formed into coils as a winding insulated from the conductor by an insulating material layer.

In this regard, Callewaert is seen to disclose a low pass Pi filter having a hollow cylinder formed from a ferroelectric-ferromagnetic composite. (Figure 3 of Callewaert). A first outer metal layer is wrapped around an outer surface at one end of the cylinder, and a second outer metal layer is wrapped around an outer surface at an opposite end of the cylinder. (See Figure 3 and Column 6, lines 22 to 27 of Callewaert). A combination of the first outer metal layer and an inner metal layer on an internal surface of the cylinder defines a capacitor, and a combination of the second outer metal layer and the inner metal layer defines another capacitor. (See Figure 3 and Column 6, lines 27 to 34 of Callewaert). A conductive strip is wrapped around the outer surface of the cylinder and is electrically connected to the first and the second outer metal layers to define an inductive element. (See Figure 3 and Column 6, lines 35 to 39 of Callewaert). However, Callewaert is not seen to disclose an electric wire which is wound around a conductor formed into coils as a winding insulated from the conductor by an insulating material layer.

Smith is seen to disclose a transformer having a primary winding comprised of an insulated conducting foil that is folded into a staircase-shaped winding. (Abstract and Figure 2 of Smith). The conducting foil is insulated except for uninsulated portions at the ends of the foil. (See Figure 2 and Column 10, lines 27 to 30). The transformer also has a secondary winding comprised of U-shaped conducting sheets interleaved with the primary winding. (Abstract and Figure 4 of Smith). However, Smith is not seen to disclose anything that, when combined with Callewaert, would result in the feature of an

electric wire which is wound around a conductor formed into coils as a winding insulated from the conductor by an insulating material layer.

Accordingly, independent Claims 1 and 9 are believed to be in condition for allowance and Applicant respectfully requests same.

The other claims in the application are each dependent from the independent claims discussed above and are believed to be allowable over the applied references for at least the same reasons. Because each dependent claim is deemed to define an additional aspect of the invention, however, the individual consideration of each on its own merits is respectfully requested.

As a formal matter, Applicant presumes that the drawings are acceptable since no objections have been entered. However, Applicant requests confirmation of the same in the next communication.

No other matters being raised, it is believed that the entire application is fully in condition for allowance, and such action is courteously solicited.

Applicant's undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

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